

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. 54205-B JPW/AJM/MML		Serial No. 09/311,428			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)						Applicant: John O'Connor and Steven Birken					
						Filing Date May 13, 1999		Group 1641			
U.S. PATENT DOCUMENTS											
Examiner Initial		Document Number				Date	Name	Class	Subclass	Filing Date if Appropriate	
		0	0	2	2	3	8	1	1/30/03	Pandian et al. (Exhibit 1)	
FOREIGN PATENT DOCUMENTS											
		Document Number				Date	Country	Class	Subclass	Translation	
										Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
		Ehrlich P.H. and Moyle W.R. (1983) "Cooperative immunoassays: ultrasensitive assays with mixed monoclonal antibodies," Science 221:279-81 (Exhibit 2)									
		Ehrlich P.H. et al. (1982) "Mixing two monoclonal antibodies yields enhanced affinity for antigen," J. Immunol. 128(6):2709-13 (Exhibit 3)									
		Ehrlich P.H. et al. (1985) "Characterization and relative orientation of epitopes for monoclonal antibodies and antisera to human chorionic gonadotropin," Am. J. Reprod. Immunol. Microbiol. 8(2):48-54 (Exhibit 4)									
		Ehrlich P.H. et al. (1985) "Monoclonal antibodies to gonadotropin subunits," Methods Enzymol. 109:638-55 (Exhibit 5)									
		Elliott, M.M. et al. (1997) "Carbohydrate and peptide structure of the alpha and beta-subunits of human chorionic gonadotropin from normal and aberrant pregnancy and choriocarcinoma," Endocrine 7(1):15-32 (Exhibit 6)									
		Kardana, A. et al. (1991) "The heterogeneity of human chorionic gonadotropin (hCG). I. Characterization of peptide heterogeneity in 13 individual preparations of hCG," Endocrinology 129(3):1541-50 (Exhibit 7)									
EXAMINER						DATE CONSIDERED					
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											

* duplicate
WC 6/6/03